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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/868,577	06/20/2001	Kiyohiro Kawasaki	OGOH:083	1488
7590	08/18/2004		EXAMINER	
Parkhurst & Wendel Suite 210 1421 Prince Street Alexandria, VA 22314-2805				MUTSCHLER, BRIAN L
			ART UNIT	PAPER NUMBER
			1753	

DATE MAILED: 08/18/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Advisory Action	Application No.	Applicant(s)
	09/868,577	KAWASAKI, KIYOHIRO
	Examiner	Art Unit
	Brian L. Mutschler	1753

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

THE REPLY FILED 15 July 2004 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE. Therefore, further action by the applicant is required to avoid abandonment of this application. A proper reply to a final rejection under 37 CFR 1.113 may only be either: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114.

PERIOD FOR REPLY [check either a) or b)]

a) The period for reply expires 3 months from the mailing date of the final rejection.

b) The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

ONLY CHECK THIS BOX WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

1. A Notice of Appeal was filed on _____. Appellant's Brief must be filed within the period set forth in 37 CFR 1.192(a), or any extension thereof (37 CFR 1.191(d)), to avoid dismissal of the appeal.
2. The proposed amendment(s) will not be entered because:
 - (a) they raise new issues that would require further consideration and/or search (see NOTE below);
 - (b) they raise the issue of new matter (see Note below);
 - (c) they are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
 - (d) they present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: ____.

3. Applicant's reply has overcome the following rejection(s): See Continuation Sheet.
4. Newly proposed or amended claim(s) 3-12 and 21 would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
5. The a) affidavit, b) exhibit, or c) request for reconsideration has been considered but does NOT place the application in condition for allowance because: See Continuation Sheet.
6. The affidavit or exhibit will NOT be considered because it is not directed SOLELY to issues which were newly raised by the Examiner in the final rejection.
7. For purposes of Appeal, the proposed amendment(s) a) will not be entered or b) will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: 3-12 and 21.

Claim(s) objected to: ____.

Claim(s) rejected: 22.

Claim(s) withdrawn from consideration: 13-20,23 and 24.

8. The drawing correction filed on ____ is a) approved or b) disapproved by the Examiner.
9. Note the attached Information Disclosure Statement(s) (PTO-1449) Paper No(s). ____.
10. Other: See Continuation Sheet

Continuation of 3. Applicant's reply has overcome the following rejection(s): Except for the rejection of claim 22 under 35 U.S.C. 103 over Ting et al., all of the rejections set forth in the prior Office action has been overcome by Applicant's amendment.

Continuation of 5. does NOT place the application in condition for allowance because: The amendment to the claim has not overcome the rejection of claim 22 over Ting et al. (U.S. Pat. No. 6,017,437). Claim 22 does not recite an electrochemical treatment process as the other claims. In addition, claim 22 does not recite any steps for detecting or repairing pinholes. Therefore, the process recited in the instant claims is still obviated by Ting et al. for the reasons set forth in the prior Office action.

Continuation of 10. Other: It is noted that the amendment present minor informalities in the claims. In claims 3, 11, and 12, the added term "insulting" should be changed to "insulating".

PTO-892 is attached.



NAM NGUYEN
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 1700